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**NASA Management Office**  
Office of the Chief Counsel  
Mail Stop 180-200  
4800 Oak Grove Drive  
Pasadena, California 91109-8099  
Voice (818) 354-2562  
Fax (818) 393-3160

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**TO:** UNITED STATES PATENT AND TRADEMARK OFFICE  
**FAX NO.** 571-273-8300  
**FROM:** Mark Homer

**SUBJECT:** RESPONSE TO OFFICE ACTION/AMENDMENT FOR APPLICATION S/N  
10/768,754

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Patent

OCT 13 2006 NASA Case No.: NPO-20535-2-CU

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Stoica, Adrian

Serial No.: 10/768,754

Filed: January 26, 2004

For: EVOLUTIONARY TECHNIQUE FOR  
AUTOMATED SYNTHESIS OF  
ELECTRONIC CIRCUITS

Patent Examiner: Ferris III, Fred O.

Group Art Unit: 2128

RESPONSE TO OFFICE ACTION

In response to the Official Action dated July 21, 2006, the applicant hereby requests reconsideration and allowance of the application in view of the following.

The drawings stand objected to for not showing every feature of the claims. Claims 1-20 stand rejected under nonstatutory obviousness-type double patenting as unpatentable over claims 1-9 of U.S. 6,728,666 and over claims 1-35 of U.S. 6,526,556. Claims 12, 14, and 18 stand rejected under 35 U.S.C. § 112, second paragraph, as indefinite. Finally, claims 1-20 stand rejected 35 U.S.C. § 103(a) as unpatentable over Levi et al. (U.S. 6,378,122) in view of Sourgen (U.S. 5,258,947) in further view of Layzell, "A New Research Tool for Intrinsic Hardware Evolution," ICSE98, 1998.